

IN THE CLAIMS

Please amend the claims as follows:

Claim 1 (Currently Amended): A moulding composition, comprising

- a) from 50 to 99.9% by weight of a matrix composed of a thermoplastic polymer and
- b) from 0.1 to 50% by weight of a matting agent in the form of a (meth)acrylate copolymer dispersed in the matrix,

wherein the matting agent is a (meth)acrylate copolymer which has been prepared from the following monomers,

- ~~b1) — from 50 to 95% by weight of methyl methacrylate~~
- ~~b2) — from 5 to 50% by weight of C₄-C₆-alkyl acrylates~~
- ~~b3) — from 0.01 to less than 0.5% by weight of a crosslinking monomer and/or graft-linking agent having two or more ethylenically unsaturated radicals capable of free-radical polymerization;~~
- ~~b4) — from 0 to 20% by weight of one or more other, non-crosslinking ethylenically unsaturated monomers capable of free-radical polymerization~~

- b1) from 50 to 90% by weight of methyl methacrylate
- b2) from 10 to 50% by weight of ethyl acrylate and/or butyl acrylate
- b3) from 0.01 to 5% by weight of a crosslinking monomer and/or graft-linking agent having two or more ethylenically unsaturated radicals capable of free-radical polymerization,

where the entirety of the constituents b1)₁ and b2)₁ and, where appropriate, b3) and/or b4) gives 100% by weight, and the glass transition temperature T_{mg} of the matting agent is at least 20°C.

Claim 2 (Previously Presented): The moulding composition according to Claim 1, wherein the matrix a) comprises a polymethyl methacrylate, an impact-modified polymethyl methacrylate, a polycarbonate, a polystyrene, an acrylate-styrene-acrylonitrile graft copolymer (ASA), a styrene-acrylonitrile (SAN), a polyester, a polyethylene terephthalate (PET), a glycol-modified polyethylene terephthalate (PETG), a polybutylene terephthalate plastic (PBT), a polyvinyl chloride plastic (PVC), a polyolefin plastic, a cycloolefin copolymer (COC), an acrylonitrile-butadiene-styrene (ABS) or a mixture or blend thereof.

Claim 3 (Previously Presented): The moulding composition according to Claim 1, wherein the matrix a) is an impact-modified polymethyl methacrylate which comprises an impact modifier whose structure has two or three layers.

Claim 4 (Previously Presented): The moulding composition according to Claim 1, wherein the matrix a) is an impact-modified polymer, comprised of:

- a1) from 10 to 95% by weight of a coherent hard phase whose glass transition temperature T_{mg} is above 70°C, composed of
 - a11) from 80 to 100% by weight (based on a1) of methyl methacrylate and
 - a12) from 0 to 20% by weight of one or more other ethylenically unsaturated monomers capable of free-radical polymerization, and
- a2) from 90 to 5% by weight of a tough phase dispersed within the hard phase and having a glass transition temperature T_{mg} below -10°C, comprised of
 - a21) from 50 to 99.5% by weight of a C₁-C₁₀-alkyl acrylate (based on a2)

a22) from 0.5 to 5% by weight of a crosslinking monomer having two or more ethylenically unsaturated radicals capable of free-radical polymerization, and

a23) where appropriate, other ethylenically unsaturated monomers capable of free-radical polymerization,

where at least 15% by weight of the hard phase a1) has covalent linking to the tough phase a2).

Claim 5 (Canceled).

Claim 6 (Previously Presented): The moulding composition according to Claim 1, wherein the crosslinking monomer in the matting agent b) is ethylene glycol dimethacrylate.

Claim 7 (Previously Presented): The moulding composition according to Claim 1, wherein the matting agent b) has been prepared via emulsion polymerization, and, prior to incorporation into the matrix, has a median particle radius in the range from 100 nm to 10 μm .

Claim 8 (Previously Presented): The moulding composition according to Claim 1, wherein a test specimen produced therefrom has roughness variables to DIN 4768 in the range R_a = from 0.1 to 0.5 μm , R_z = from 0.5 to 5.0 μm and R_{max} = from 0.5 to 5.0 μm .

Claim 9 (Previously Presented): A process for preparing a moulding composition as claimed in Claim 1 by mixing of the matrix and of the matting agent in the molten state in an extruder, discharging and cooling of the extrudate and then pelletizing of the material.

Claim 10 (Previously Presented): A moulding composition produced by extrusion or injection moulding from a moulding composition according to Claim 1.

Claim 11 (Previously Presented): A moulding according to Claim 10, wherein the moulding is a film, a flat sheet, a corrugated sheet, a multiple-web sandwich panel, a pipe, a rod or an injection-moulded part.

Claim 12 (Previously Presented): The method of using a film produced from the moulding composition according to Claim 1 for co-lamination to another, optionally printed film material, for back-moulding with a plastics material, for back-foaming with a plastics foam, for extrusion lamination or for the lamination of substrates.

Claim 13 (Previously Presented): The moulding composition according to Claim 1, wherein the matting agent contains from 0.05 to 0.49% by weight of the crosslinking monomer and/or graft-linking agent having two or more ethylenically unsaturated radicals capable of free-radical polymerization.

Claim 14 (Previously Presented): The moulding composition according to claim 13, wherein the matting agent contains from 0.1 to 0.4% by weight of the crosslinking monomer and/or graft-linking agent having two or more ethylenically unsaturated radiacsl capable of free-radical polymerization.